Bhanu Shankar Sada

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Linkedin | GitHub | Portfolio

SUMMARY

Aspiring Full-Stack Developer with hands-on experience in Python, SQL, and modern web technologies (HTML5, CSS3, JavaScript, React.js, Node.js). Skilled in database management, front-end and back-end development, and building user-friendly web applications. Strong academic foundation in Information Technology and passionate about creating efficient and scalable solutions.

EDUCATION

Kalasalingam Academy of Research and Education — Virudhunagar, Tamil Nadu, India
Degree in Bachelor of Technology - Information Technology — 2022 - 2026

Krishna Chaitanya Junior College — Nellore, Andhra Pradesh,India
Degree in HSC — 2020 - 2022

kranthi Em High School — Nellore, Andhra Pradesh,India
Degree in SSC — 2019 - 2020

SKILLS

Programming Languages:	Python, SQL, Java (Basics)
Libraries/Frameworks:	HTML5, CSS3, JavaScript, React.js, Node.js, Django (Beginner)
Tools / Platforms:	GitHub, VS Code, Jupyter Notebook, Advanced Excel, Tableau
Databases:	MySQL, MongoDB

PROJECTS / OPEN-SOURCE

Adaptive Diabetes Risk Analyser | Github — ML, Tableau

- Developed a machine learning model to predict diabetes risk using user-input features such as age, BMI, glucose level, and blood pressure.
- Performed data preprocessing, feature engineering, and model training to enhance prediction accuracy.
- Built an interactive web application using Streamlit for real-time health risk assessment and user interaction.
- Integrated data visualization features to help users interpret health risk factors and make informed decisions.

Driver Drowsiness Detection Using ML | Github — Python, OpenCV, dlib, imutils, NumPy, SVM

- Developed a real-time system using Python and machine learning techniques to detect driver drowsiness by monitoring eye behavior and issuing alerts when signs of fatigue were detected.
- Utilized a pre-trained Support Vector Machine (SVM) model for eye state classi cation.
- Contributed to road safety by providing timely warnings to drowsy drivers.

Phishing Detection Using ML | Github — Python, Scikit-learn, Pandas, NumPy, Matplotlib, Flask

- Developed a machine learning-based system to detect phishing websites using URL and webpage feature analysis.
- Collected and preprocessed dataset with attributes such as domain age, HTTPS status, and URL length for model training.
- Implemented multiple classi cation algorithms (Logistic Regression, Decision Tree, Random Forest, SVM) and compared accuracy to select the best-performing model.
- Built a simple user interface to input website URLs and provide real-time phishing detection results.

CERTIFICATIONS

- **The Complete Guide to HTML** – Udemy.
- **CSS and JavaScript Crash Course** – Udemy.
- **JavaScript Fundamentals Course** – Udemy.